

# VCP

The VCP air curtain has an optimal shaped nozzle with a unique straw system grille, to evenly distribute the flow of air across the entire width of the doorway to ensure the best possible seal.







It can be situated above or to the side of industrial doorways using a specially designed and adjustable foot plate. The galvanised sheet casing and closed construction motors with self-lubricating ball bearings provide easy maintenance under the hardest of operating conditions.

These units are ideal for use in loading bays, factories, hangars, etc so that forklift drivers don't have to get out of their cabs to open and close doors making moving from one area to another safer and more convenient. Unlike plastic slat curtains, which quickly become opaque with use, an air curtain provides 100% visibility at all times.

An Air Genio IC Prime controller, with 5 speed selection, integrated timer, temperature sensor and BMS MODBUS, is included.



Option available

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**Colours Available**  
 White RAL9016 (standard)  
 Galvanised (standard)
- 
**Fan Options**  
 AC fan (standard)  
 EC fan (option)
- 
**Mounting Options**  
 Horizontal  
 Vertical
- 
**Heating Options**  
 Electric, LPHW  
 Air only
- 
**Max Door Height**  
 6.0 m
- 
**Lengths Available**  
 1.65m 2.20m  
 2.75m



## Air Only

| Model          | Max mounting height (m) | *Airflow (m <sup>3</sup> /h) | Power/current fans 230V-50Hz (kW/A) | Noise level (@5m) dB(A) | Weight (kg) |
|----------------|-------------------------|------------------------------|-------------------------------------|-------------------------|-------------|
| VCIN2A150-SOAC | 6                       | 11550                        | 0.85 / 3.9                          | 63                      | 51          |
| VCIN2A200-SOAC | 6                       | 15100                        | 1.1 / 5.1                           | 64.9                    | 69          |
| VCIN2A250-SOAC | 6                       | 18500                        | 1.4 / 6.5                           | 66.7                    | 83          |
| VCIN2A150-SOEC | 6                       | 11400                        | 1 / 6.5                             | 63.1                    | 51          |
| VCIN2A200-SOEC | 6                       | 15200                        | 1.4 / 8.7                           | 64.9                    | 69          |
| VCIN2A250-SOEC | 6                       | 19000                        | 1.7 / 10.8                          | 66.8                    | 83          |

\*Tested to ISO 27327-1

## Electrically Heated

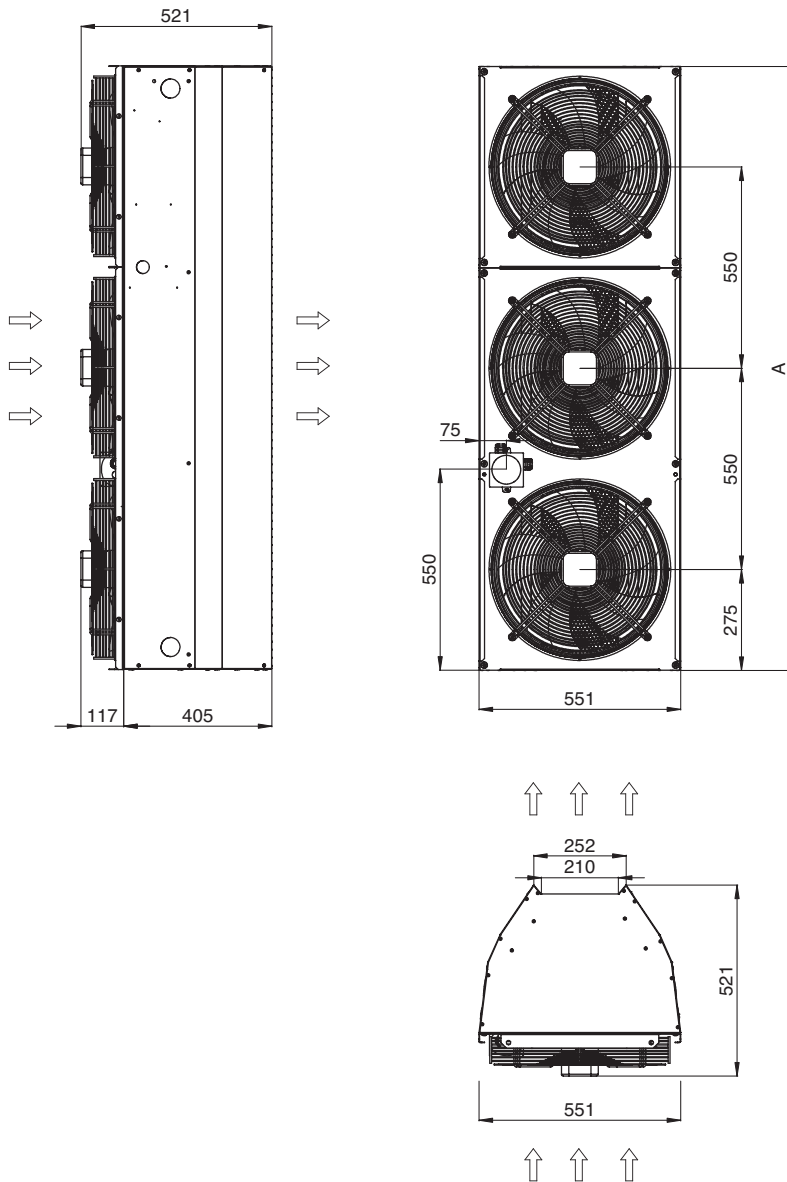
| Model          | Max mounting height (m) | *Airflow (m <sup>3</sup> /h) | Electrical heating capacity 400V x3-50Hz (kW) | Power/current fans 230V-50Hz (kW/A) | Noise level (@5m) dB(A) | Weight (kg) |
|----------------|-------------------------|------------------------------|---|-------------------------------------|-------------------------|-------------|
| VCIN2A150-E1AC | 6                       | 11550                        | 24.3  | 0.85 / 3.9                          | 63                      | 55          |
| VCIN2A200-E1AC | 6                       | 15100                        | 32.4  | 1.1 / 5.1                           | 64.9                    | 74          |
| VCIN2A250-E1AC | 6                       | 18500                        | 40.5  | 1.4 / 6.5                           | 66.7                    | 89          |
| VCIN2A150-E1EC | 6                       | 11400                        | 24.3  | 1 / 6.5                             | 63                      | 55          |
| VCIN2A200-E1EC | 6                       | 15200                        | 32.4  | 1.4 / 8.7                           | 64.9                    | 74          |
| VCIN2A250-E1EC | 6                       | 19000                        | 40.5  | 1.7 / 10.8                          | 66.8                    | 89          |

**Water Heated**

| Model          | Max mounting height (m) | Airflow (m <sup>3</sup> /h) | Water heating capacity 80/60°C (kW) | Water drop pressure 80/60°C (Pa) | Water heating capacity 60/40°C (kW) | Water drop pressure 60/40°C (Pa) | Power/current fans 230V-50Hz (kW/A) | Noise level (@5m) dB(A) | Weight (kg) |
|----------------|-------------------------|-----------------------------|-------------------------------------|----------------------------------|-------------------------------------|----------------------------------|-------------------------------------|-------------------------|-------------|
| VCIN2A150-V2AC | 6                       | 10300                       | 62.9                                | 18000                            | 37.6                                | 8000                             | 0.85 / 3.9                          | 63.1                    | 60          |
| VCIN2A200-V2AC | 6                       | 13700                       | 84.6                                | 14000                            | 50.2                                | 7000                             | 1.1 / 5.1                           | 64                      | 78          |
| VCIN2A250-V2AC | 6                       | 17000                       | 106                                 | 16000                            | 62.7                                | 5000                             | 1.4 / 6.5                           | 65.5                    | 98          |
| VCIN2A150-V2EC | 6                       | 10500                       | 63.6                                | 18000                            | 37.9                                | 8000                             | 1 / 6.5                             | 63.2                    | 60          |
| VCIN2A200-V2EC | 6                       | 14000                       | 85.5                                | 14000                            | 50.8                                | 7000                             | 1.4 / 8.7                           | 64.1                    | 78          |
| VCIN2A250-V2EC | 6                       | 17500                       | 108                                 | 11000                            | 63.8                                | 5000                             | 1.7 / 10.8                          | 65.6                    | 98          |

2 x 1" BSP pipe connections \*Tested to ISO 27327-1

**Layouts and Dimensions**



| VCIN2 | A    |
|-------|------|
| 150   | 1650 |
| 200   | 2200 |
| 250   | 2750 |